

Converting Colors

$Y_{xy}(21.9859, 0.4786, 0.3288)$

Have a look what the booklet for
Yxy(21.9859, 0.4786, 0.3288)
contains.

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Color

Yxy(21.9999, 0.4790, 0.3283)

Conversions

Conversions Part 1

Format	Color
Hex	D15C5D
RGB	209, 92, 93
RGB Percent	82%, 36%, 36%
CMY	0.1804, 0.6392, 0.6352
CMYK	0.00, 0.56, 0.55, 0.18
HSL	359°, 56%, 59%
HSV	359°, 56%, 82%
XYZ	32.0985, 21.9999, 12.9131
YIQ	127.0970, 69.4110, 25.1150

Conversions

Conversions Part 2

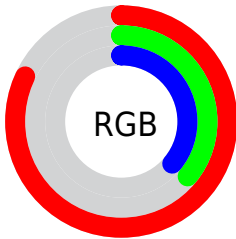
Format	Color
R_{YB}	209, 92, 93
Decimal	13720669
CIE _{Lab}	54.03, 46.35, 22.47
CIE _{LCh}	54, 51.513, 25.866
Yxy	21.9999, 0.4790, 0.3283
Android (android.graphics.Color)	4291910749 (0xFFD15C5D)
YUV	127.0970, -16.8098, 71.8289
Hunter-Lab	46.9041, 40.0735, 16.5097

Details

The Yxy color **21.9999, 0.4790, 0.3283** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **52.4317, 0.2431, 0.3302**, and the grayscale version is **21.3004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8009, 0.4287, 0.3325**, and **7.9810, 0.5420, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **18.5470, 0.5265, 0.3284**, and if you desaturate by 10%, it is **26.5533, 0.4354, 0.3283**.

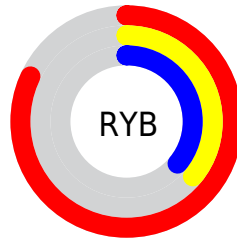
Distribution



Red (82%)

Green (36%)

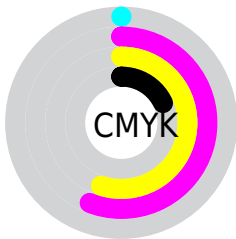
Blue (36%)



Red (82%)

Yellow (36%)

Blue (36%)

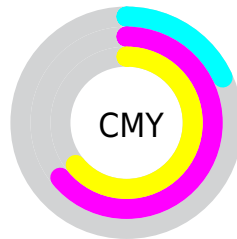


Cyan (0%)

Magenta (56%)

Yellow (55%)

Black (18%)



Cyan (18%)


Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9999, 0.4790, 0.3283 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 21.9999, 0.4790, 0.3283 by changing the saturation by 10% instead.


 21.9999, 0.4790,
0.3283


 21.9999, 0.4790,
0.3283


262.5458, 0.3852,
0.3334


 13.8568, 0.5058,
0.3246


 46.7458, 0.4423,
0.3317

 8.0212, 0.5420,
0.3180


 64.1175, 0.4293,
0.3325

 4.1085, 0.5927,
0.3054

 85.3341, 0.4187,
0.3330

 1.7344, 0.6902,
0.2899

 110.7801, 0.4097,
0.3333

 0.4458, 0.7993,
0.2007

140.8399, 0.4022,
0.3334

 0.0000, 1.0000,
0.0000


175.8978, 0.3957,


 0.0000, 0.0000,

0.3335


0.0000


216.3383, 0.3901,
0.3335


 21.9999, 0.4790,
0.3283

 21.9999, 0.4790,
0.3283


 18.5470, 0.5265,
0.3284

 26.5533, 0.4354,
0.3283


 16.0984, 0.5728,
0.3287


 32.2856, 0.3980,
0.3284


 14.5475, 0.6105,
0.3291

 39.2724, 0.3673,
0.3286

 13.7604, 0.6333,
0.3295

 47.5818, 0.3425,
0.3287

 13.5597, 0.6393,
0.3295

 57.2771, 0.3226,
0.3289

■ 68.4175, 0.3068,
0.3291

■ 81.0588, 0.2940,
0.3292

■ 92.2958, 0.2855,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.9999, 0.4099, 0.2691



21.9999, 0.4790, 0.3283



21.9999, 0.4913, 0.3929

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.9999, 0.4790, 0.3283



21.9999, 0.2892, 0.4805



21.9999, 0.1806, 0.1972

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.9999, 0.4790, 0.3283



52.4317, 0.2431, 0.3302

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.9999, 0.1597, 0.2272



21.9999, 0.4790, 0.3283



21.9999, 0.2143, 0.3946

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.9999, 0.4790, 0.3283



21.9999, 0.3753, 0.4980



21.9999, 0.1699, 0.2947



21.9999, 0.2328, 0.1974

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.9999, 0.4790, 0.3283



21.9999, 0.4684, 0.4360



21.9999, 0.1699, 0.2947



21.9999, 0.1703, 0.2035

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.0011, 0.4790, 0.3283



72.9268, 0.3452, 0.3287



25.5315, 0.3168, 0.1968



15.0169, 0.3499, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.0011, 0.4790, 0.3283



28.2898, 0.5351, 0.3284



35.6822, 0.4344, 0.3985



11.8099, 0.3289, 0.3288



8.3610, 0.6391, 0.3294



0.4681, 0.6357, 0.3275

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.0011, 0.4790, 0.3283



28.2898, 0.5351, 0.3284



29.4829, 0.2245, 0.2431



11.8099, 0.3289, 0.3288



8.3610, 0.6391, 0.3294



0.4681, 0.6357, 0.3275

Previews

White Background



This preview shows how the Yxy color 21.9999, 0.4790, 0.3283 looks on a white background.

Color Contrast Check

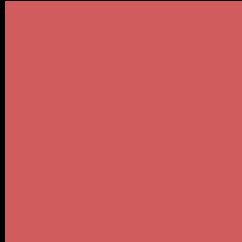
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 21.9999, 0.4790, 0.3283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.9999, 0.4790, 0.3283

Background



This preview shows how black text looks on a background with the Yxy color 21.9999, 0.4790, 0.3283.



This preview shows how white text looks on a background with the Yxy color 21.9999, 0.4790, 0.3283.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.9999, 0.4790, 0.3283

Protanopia

22.0605, 0.3425, 0.3629

Deuteranopia

22.0884, 0.3953, 0.3883



Tritanopia

21.9005, 0.4739, 0.3224

Trichromacy



Original Color

21.9999, 0.4790, 0.3283

Protanomaly

21.2768, 0.3905, 0.3484

Deuteranomaly

21.4405, 0.4274, 0.3619

Tritanomaly

21.8820, 0.4754, 0.3236

Monochromacy



Original Color

21.9999, 0.4790, 0.3283

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.4405, 0.3688, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9999, 0.4790, 0.3283 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 92, 93)` looks like.

```
.text, #text, p{  
    color:rgb(209, 92, 93)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 92, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 92, 93) }
```

Border

The CSS property to change the border of an element to Yxy 21.9999, 0.4790, 0.3283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 92, 93) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 92, 93) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 92, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 92, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 92, 93);  
box-shadow:4px 4px 4px 4px rgb(209, 92,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9999, 0.4790, 0.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 92, 93) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209, 92,  
93) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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